

Fig. 6

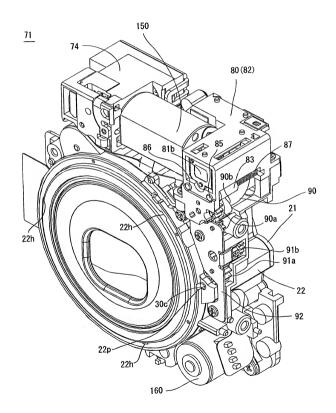


Fig. 7

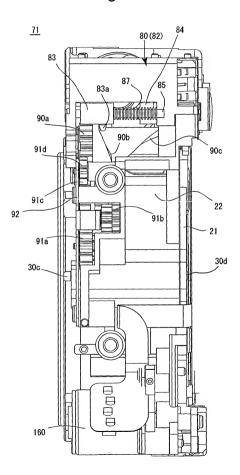


Fig. 8

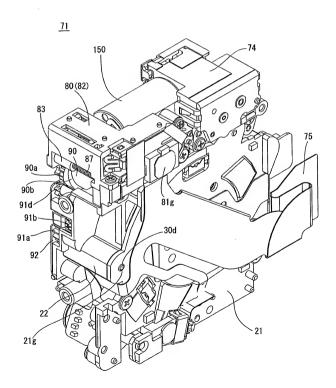
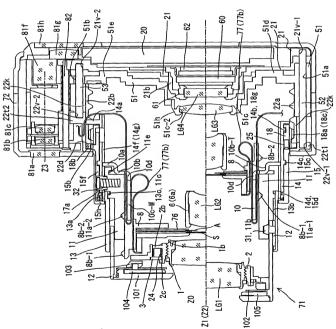
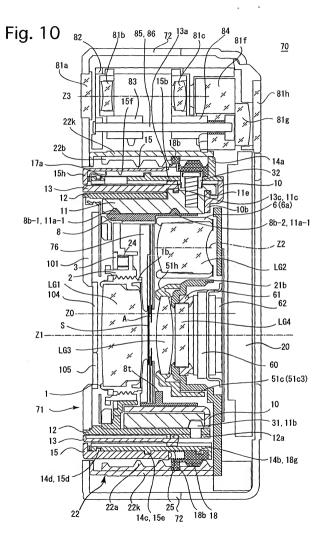
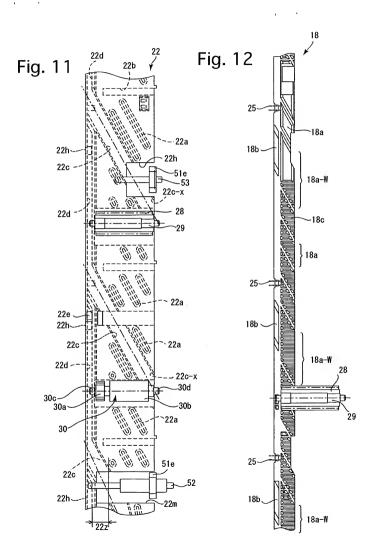


Fig. 9









18 Fig. 13 18d - 18g 18f ⊿ .-18h 18e 18d-18f 18e 18d --. 18h .18h

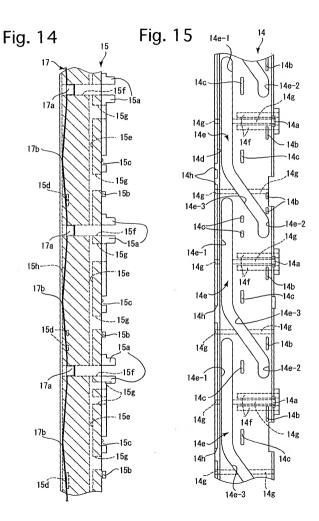
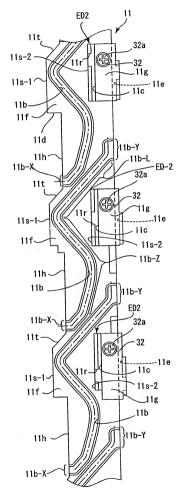
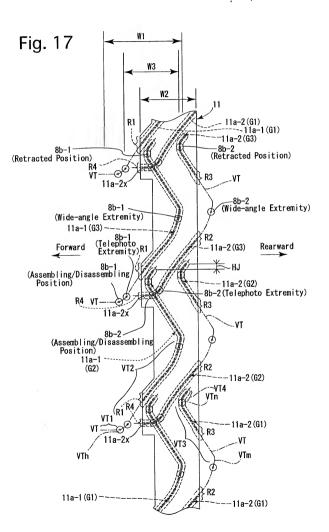


Fig. 16





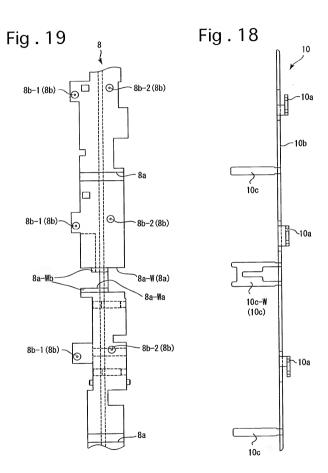
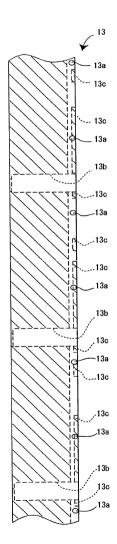
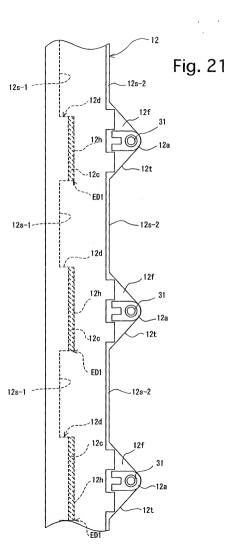
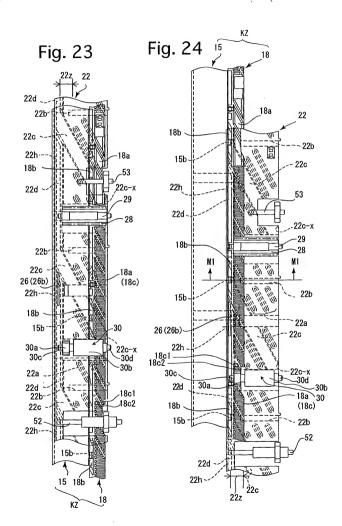


Fig. 20





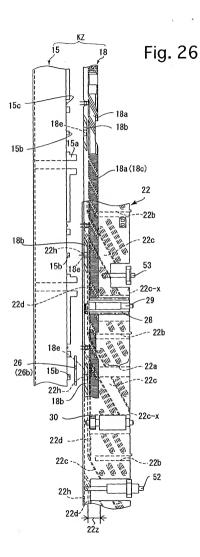
Control Circuit 140 75 13 22b 14a Shutter Actuator 131 Diaphragm Actuator 132 AF Motor 160 CCD Holder 21 (S) Zoom Gear 28 Zoom Motor 150 52 (53) Helicoid Ring 18 (R, RL) Guide Ring 14 (S, L) Stationary Barrel 22(S) <u>≅</u>4 22a 18a Second Linear Guide Ring 14f 10a 15 (L) Third Lens Frame First Linear 10(L) 21a 85 1854 9 <u> </u> 을 을 14e 5a, 8a, (R, RL) 15f Ring 11 (R, RL) Second Lens Group Moving Frame 8 (L) Third External Barrel 15 ₩ 25.4 First Lens Group Support Structure
(Axial Position Adjustment Possible) Frame 6 Fig. 22 Second Lens Group Support Structure (Retractable) 33, 36, 37 etc. 25 Second Lens Sam 중등 8 ⊒ 13(L) Second External Barrel 뜮 First External Barrel 12(L) ←.Second Lens Group Radial-retraction Quide Structure -One of the two Elements Guides the Other Linearly Without the Other Rotating First Lens Frame 1 13b 2a Rotation Transmission Line One of the two Elements Advances or Retracts when One of the two Elements
Rotates Relative to the N Advances or Retrac



ĶΖ Fig. 25 18 18a 18b 15b 18a (18c) 22 22h 22c 18b 15b 22c-x 29 28 \_ 22b 18c1 18c2 **~** 26 (26b) 22a 22h -22c 15b. 18b 22c-x 30c -30a 22d 22b 22c 22h

22d

151 22z





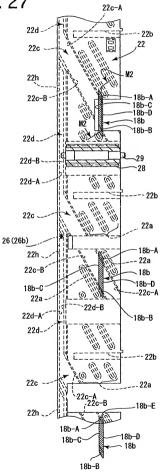


Fig. 28

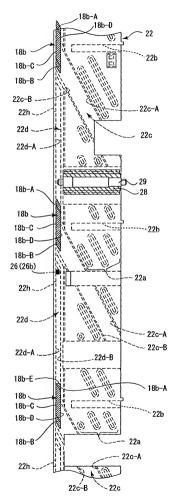
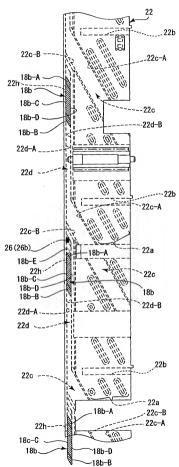


Fig. 29



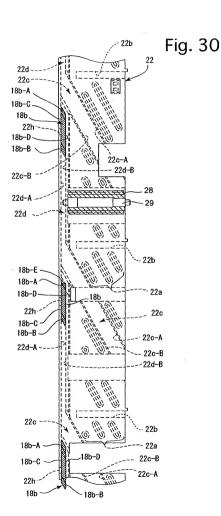
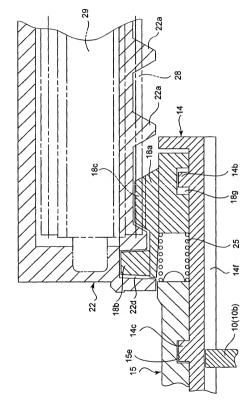
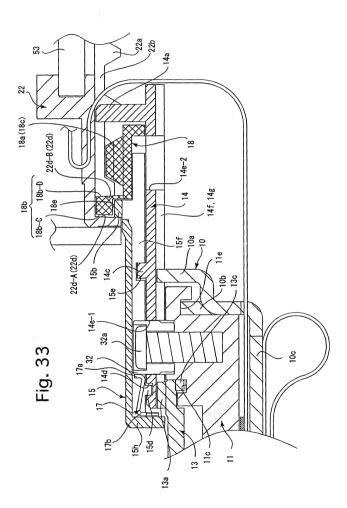


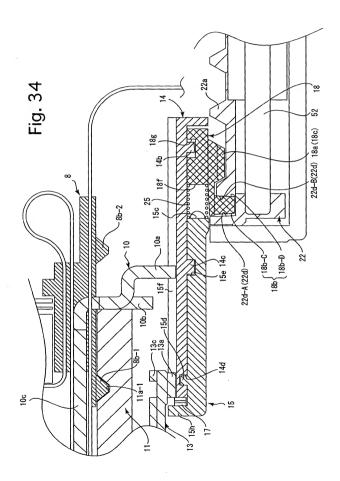
Fig. 31

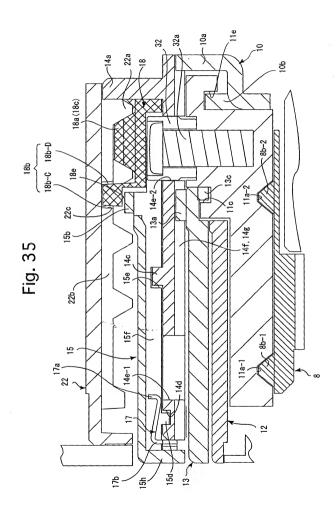
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Fig. 32









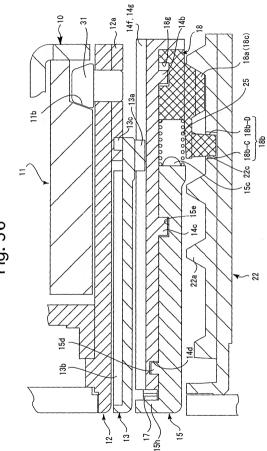


Fig. 36

Fig. 37

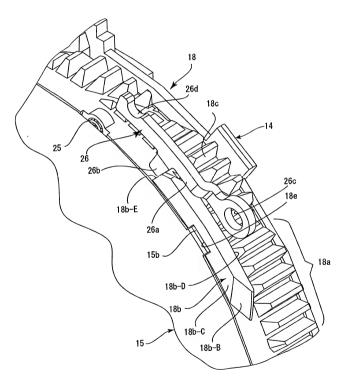


Fig. 38

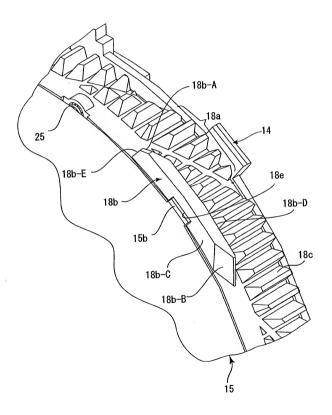
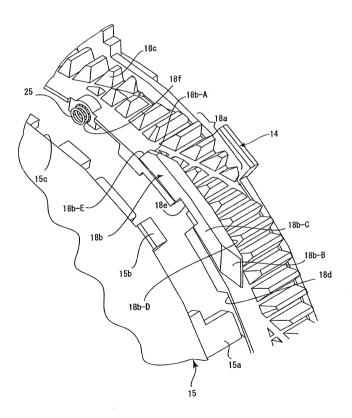
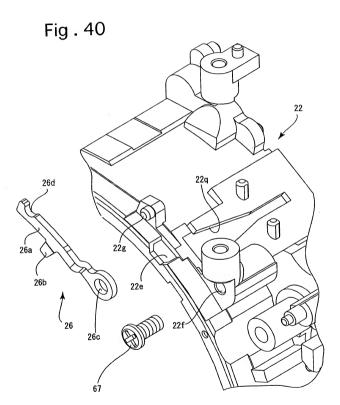
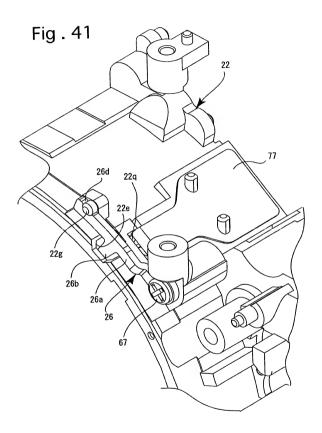


Fig. 39







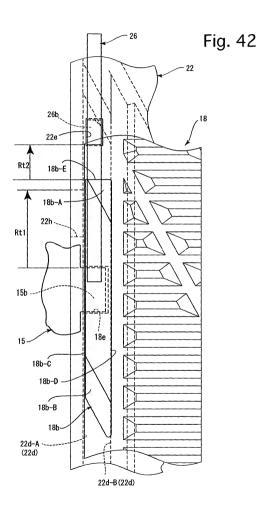


Fig. 43

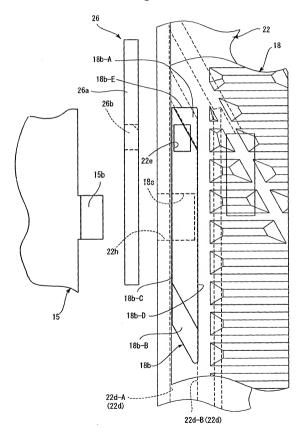


Fig. 44

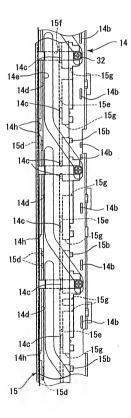
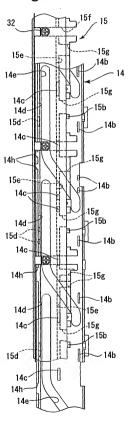


Fig. 45



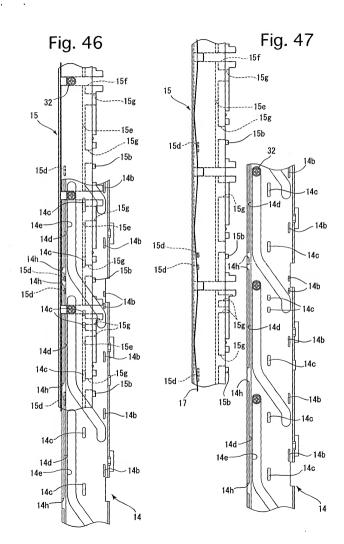
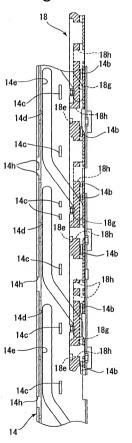
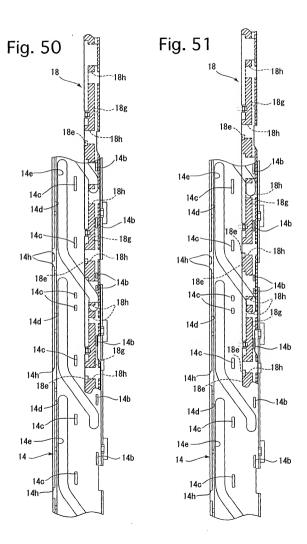
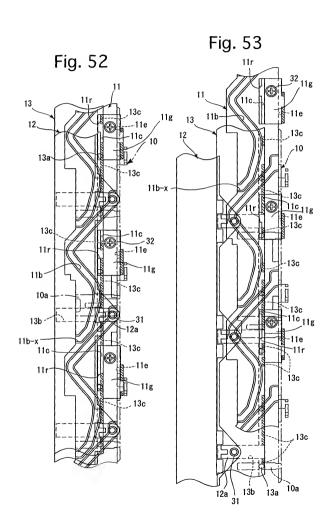


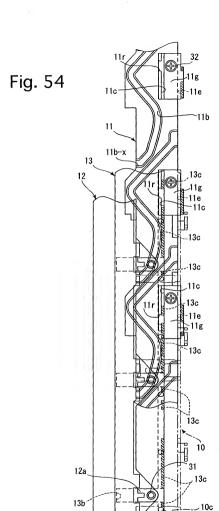
Fig. 48 14e 14c ·18h 14d-14b 18g 14c-18e ' 14h< ---18h 14c-18h 14d -14b 14c-18g 18e 14h1 18h -14b 14d-14c 18h 14e -18g 14c 14h -18h 14 18e 18

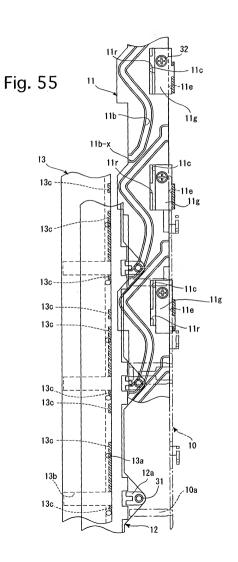
Fig. 49

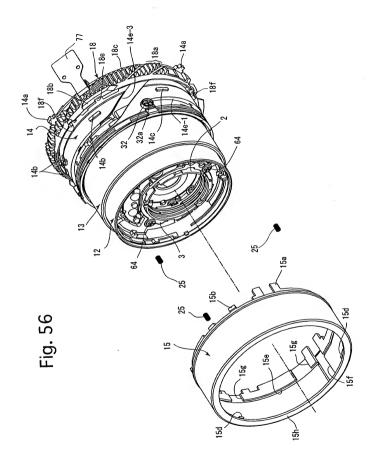


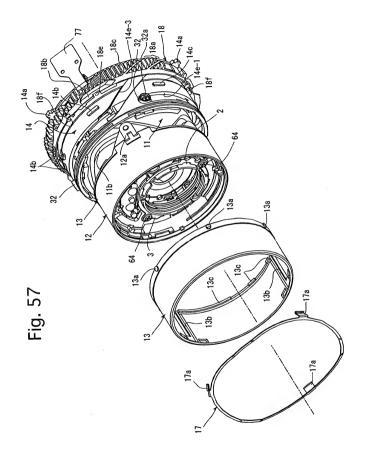


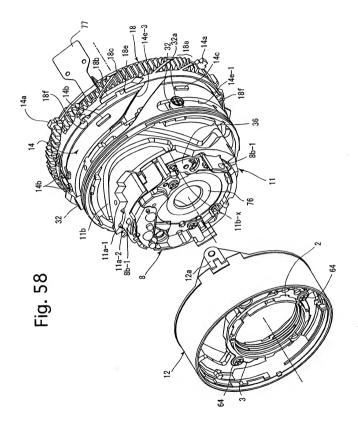


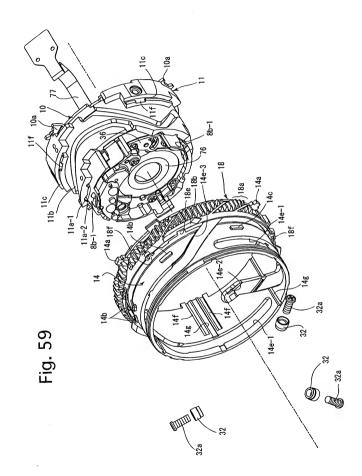


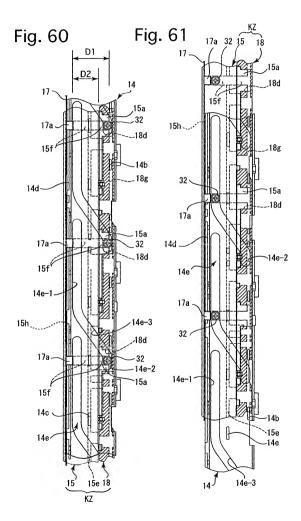












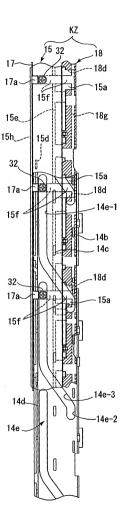


Fig. 62

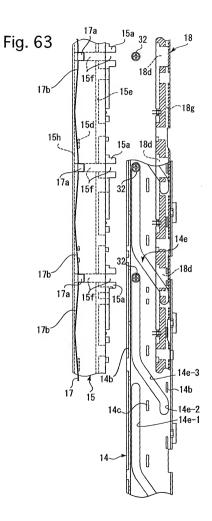


Fig. 64

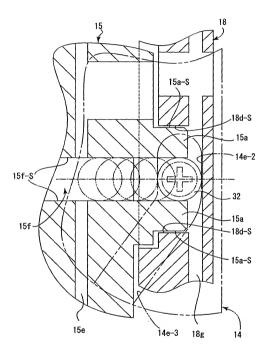
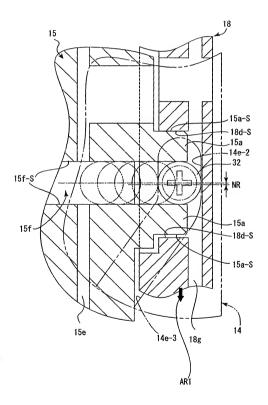


Fig. 65



18g Š WD2 15a 15a-S \15f-S 15f-S Fig. 66 15f

Fig. 67

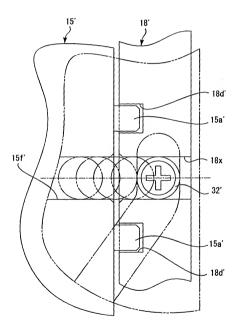


Fig. 68

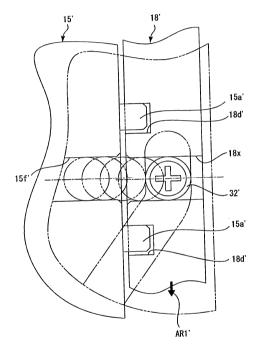


Fig. 69

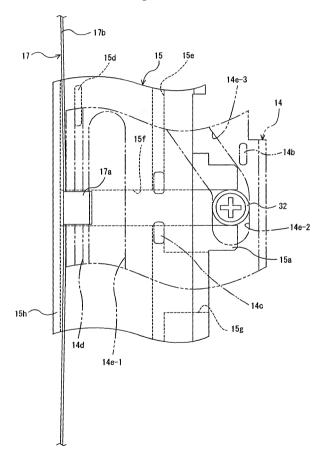


Fig. 70

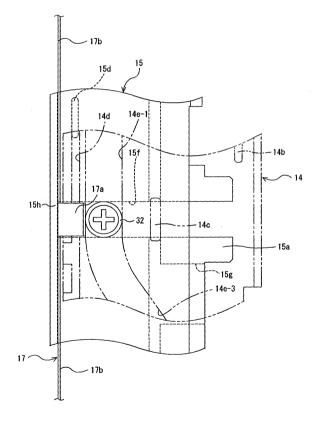
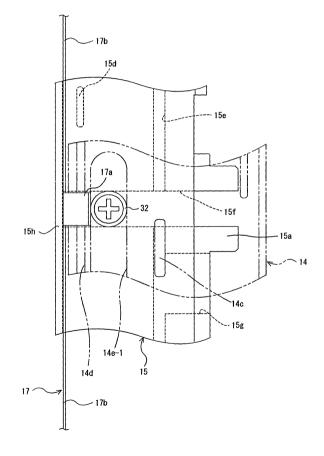


Fig. 71



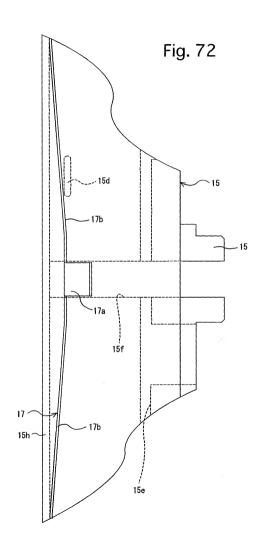
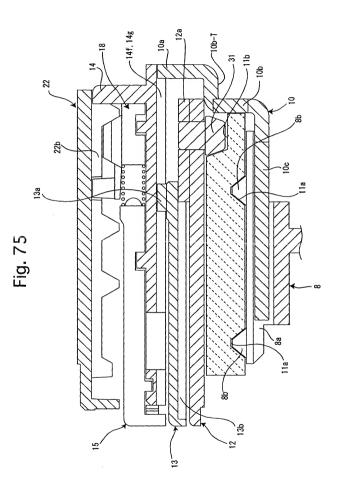
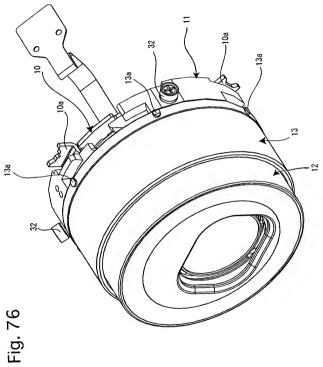
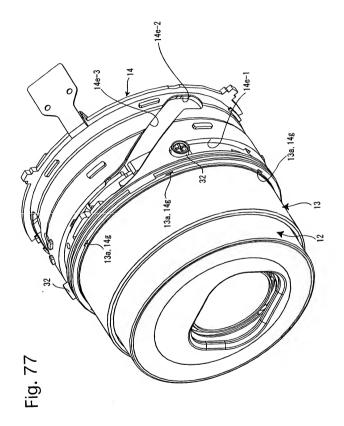


Fig. 73

Fig. 74







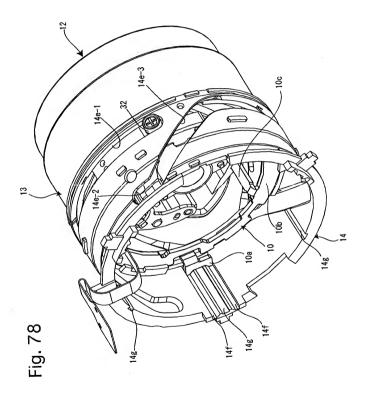


Fig. 79

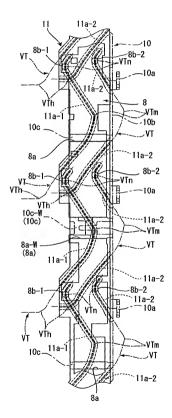
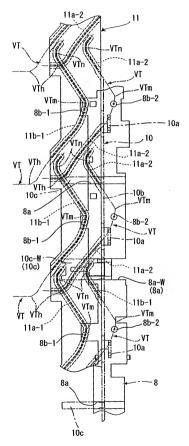
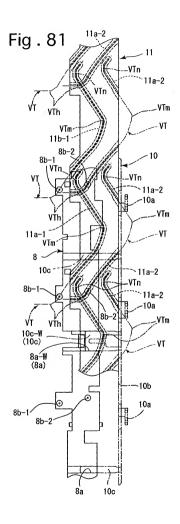
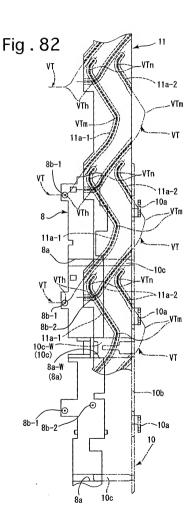
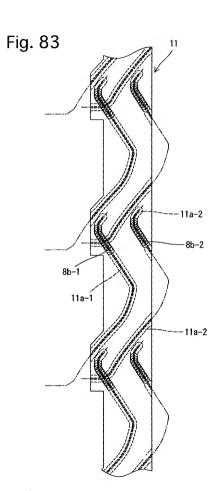


Fig . 80









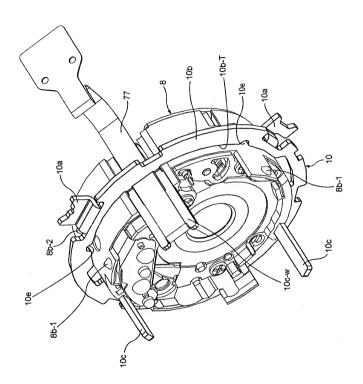
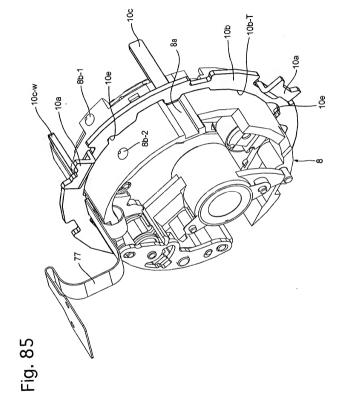
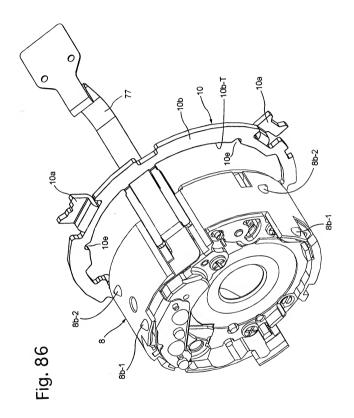


Fig. 84





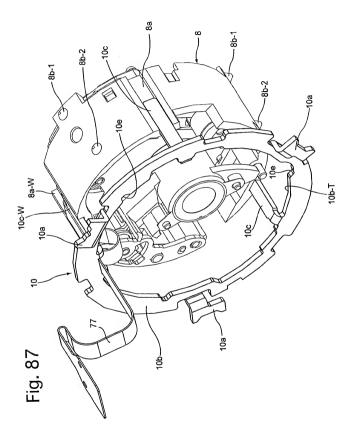


Fig. 88

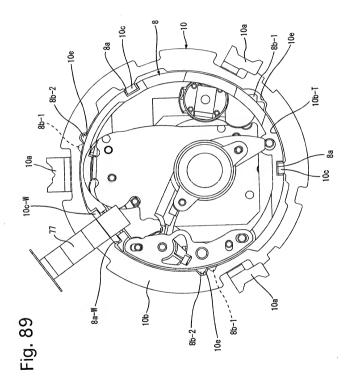


Fig. 90

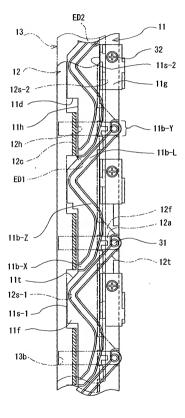


Fig. 91

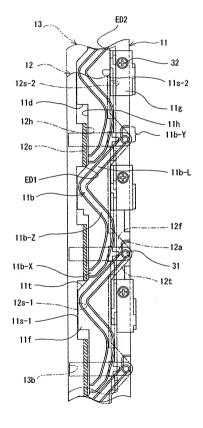


Fig. 92

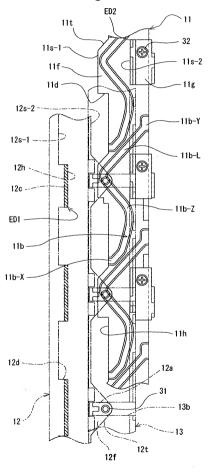


Fig. 93

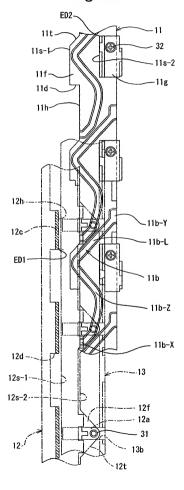
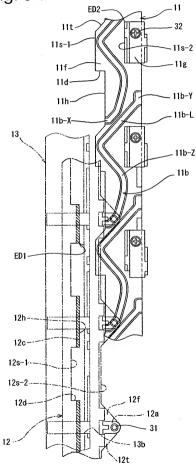
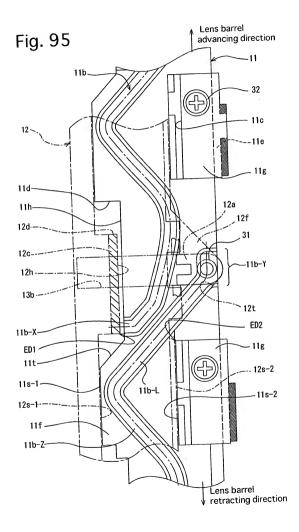
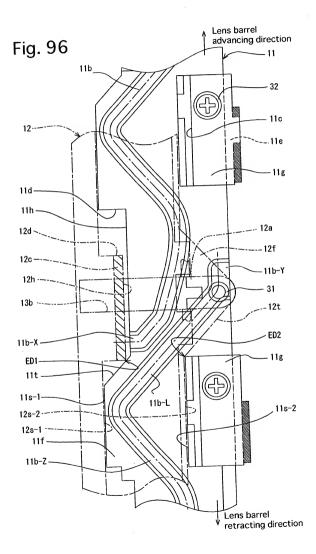
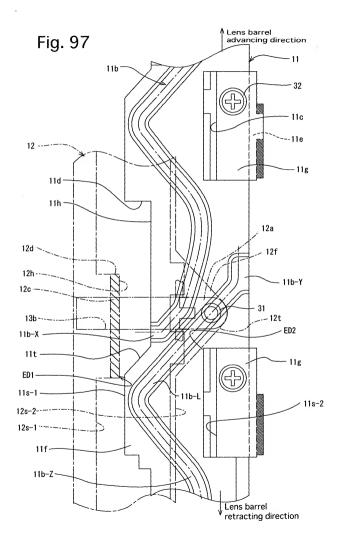


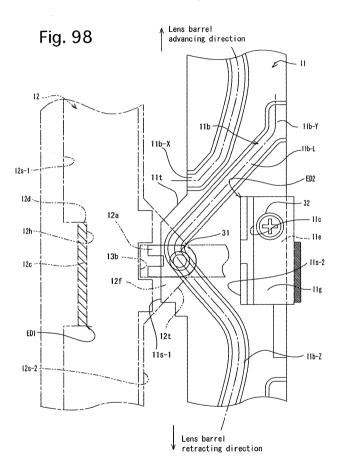
Fig. 94

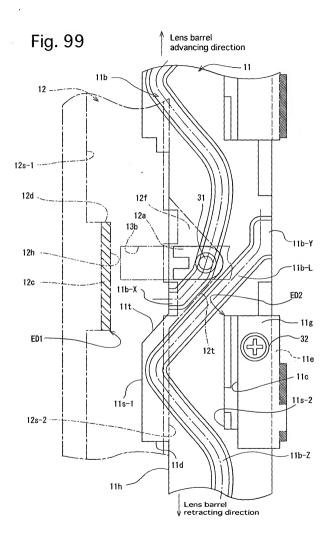


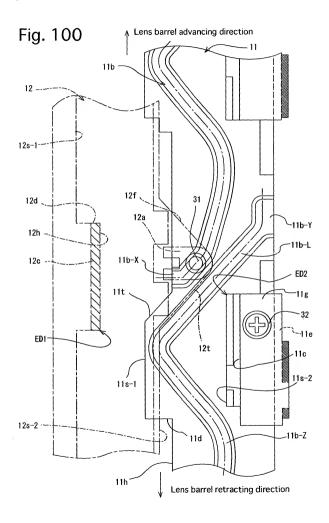


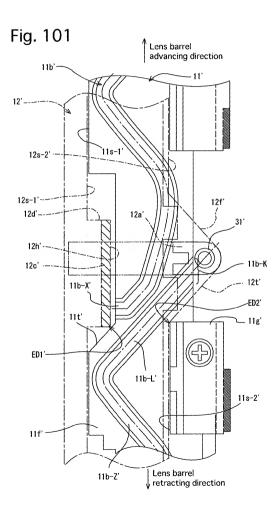


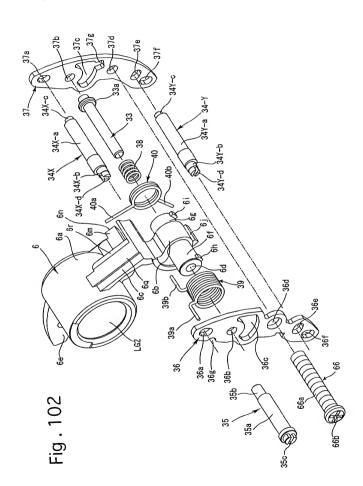


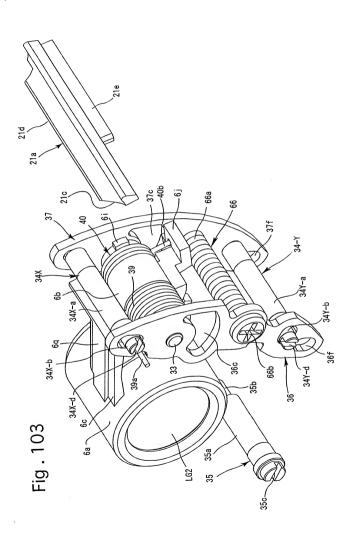


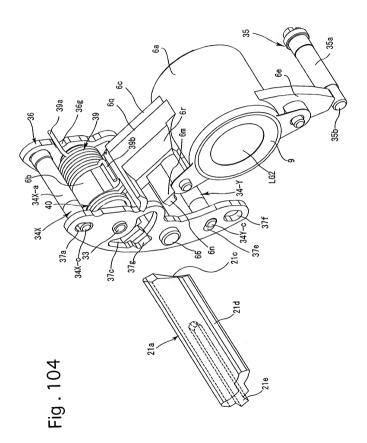


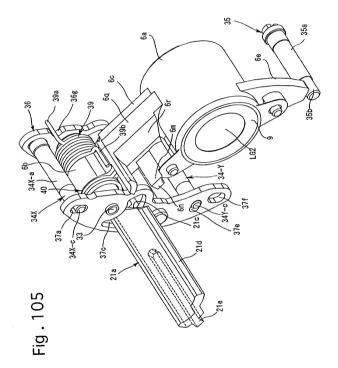












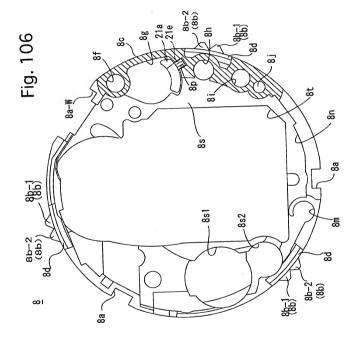
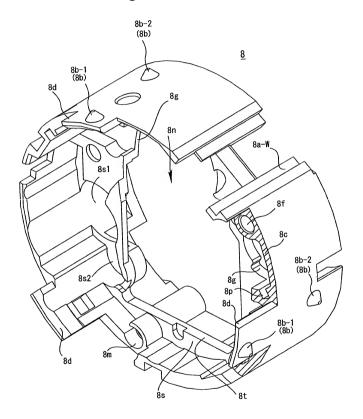


Fig. 107



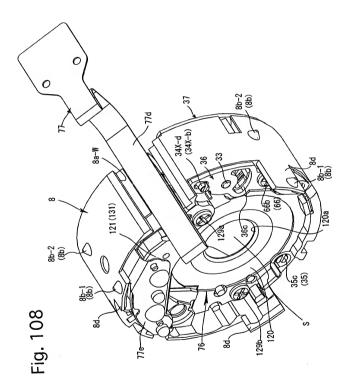


Fig. 110

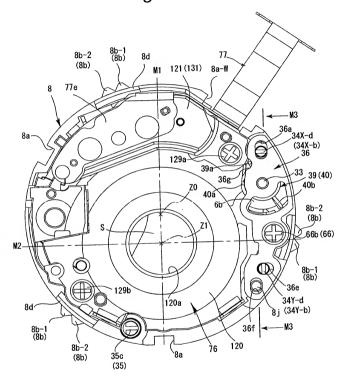


Fig. 111

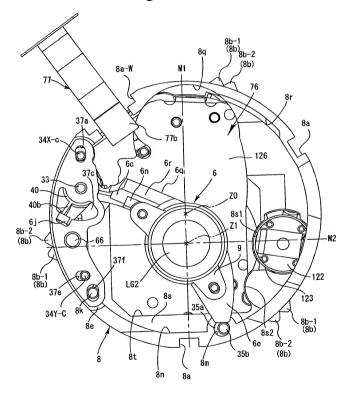


Fig. 112

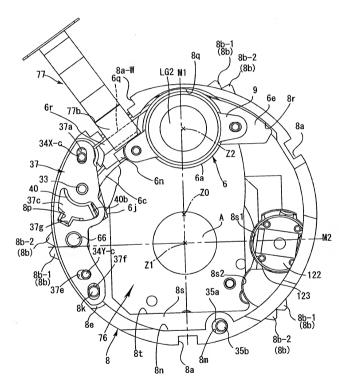
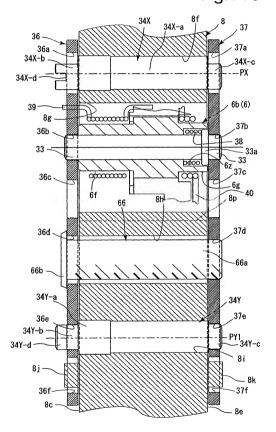


Fig.113



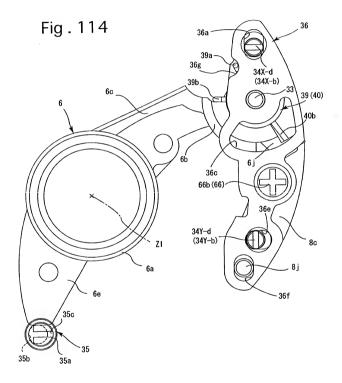


Fig. 115 34X-a 34X-d (34X-b) 36a 39a-36g 36b 39b 39 (40) 36c 6 j 66b (66) 34Y-a 8c 34Y-d (34Y-b) -36f

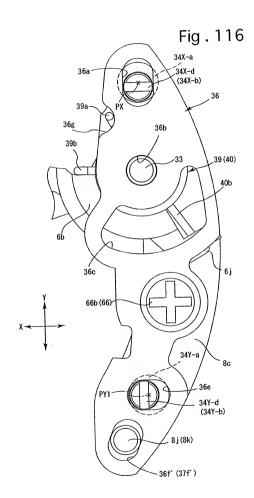
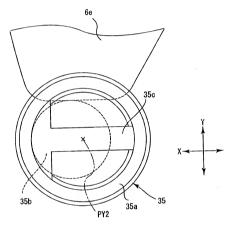
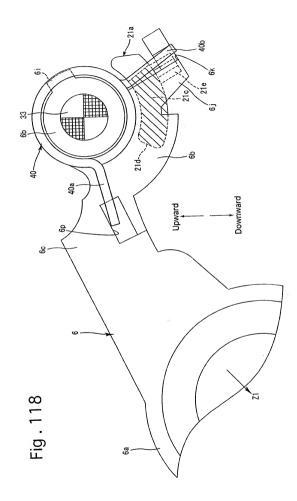
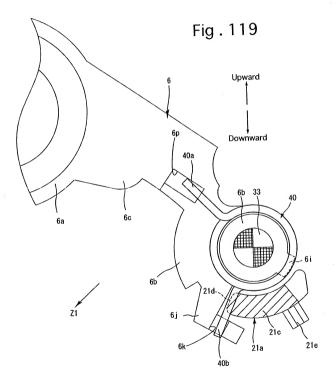
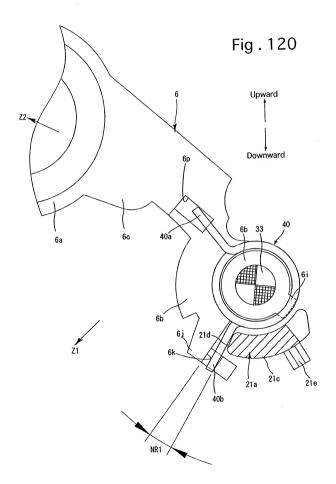


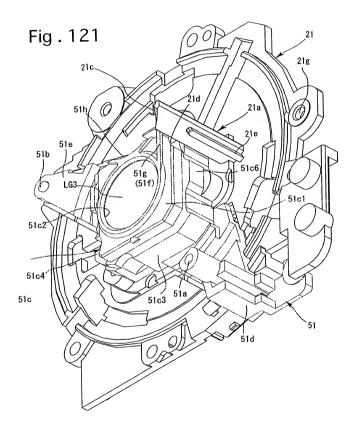
Fig . 117

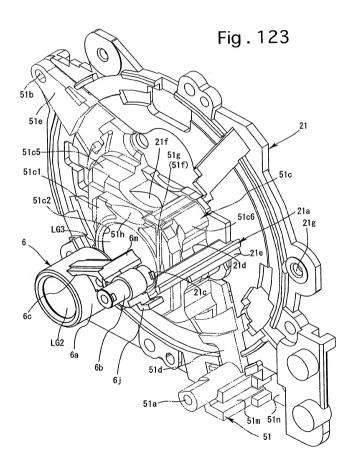


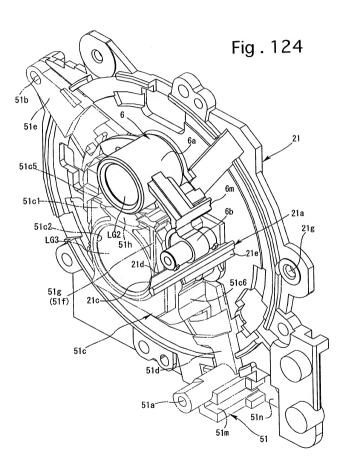












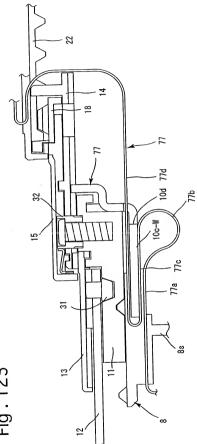
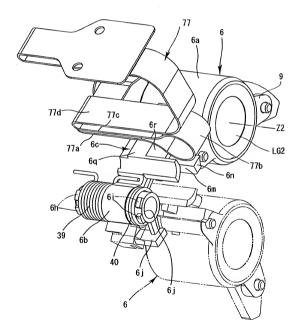
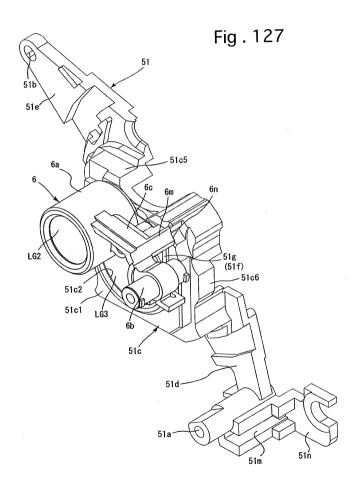
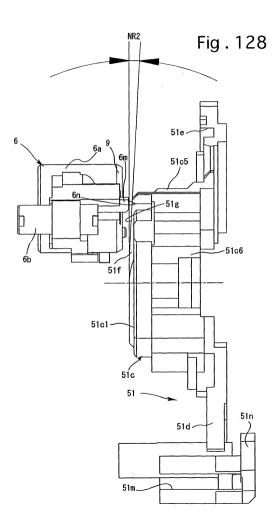


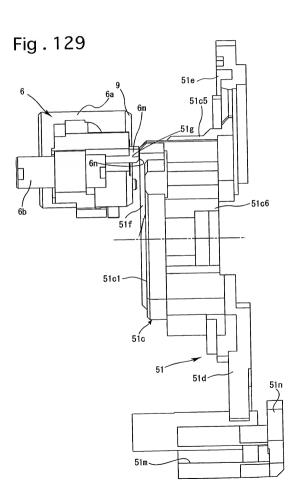
Fig. 125

Fig . 126









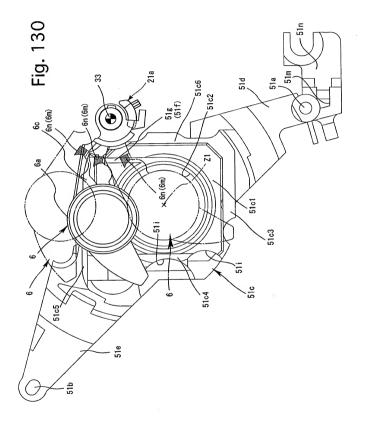


Fig. 131

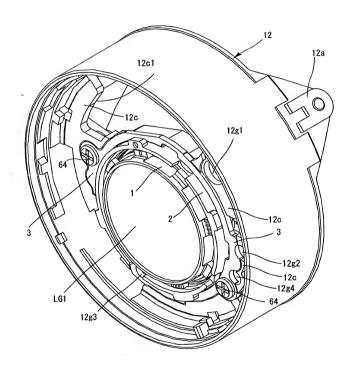
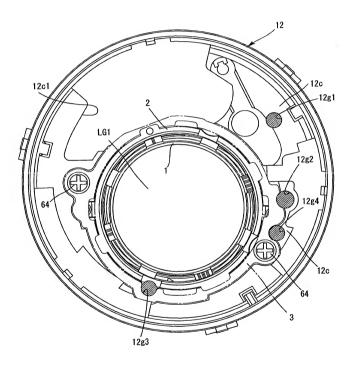
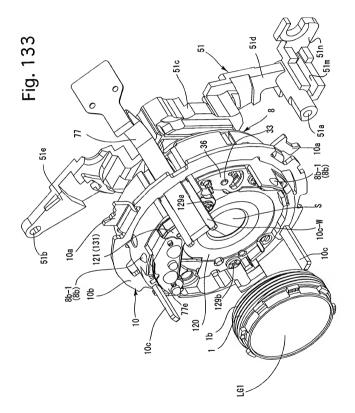


Fig. 132





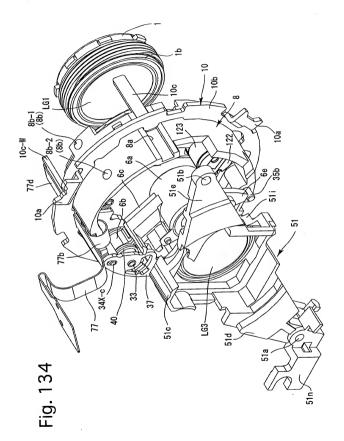


Fig. 135

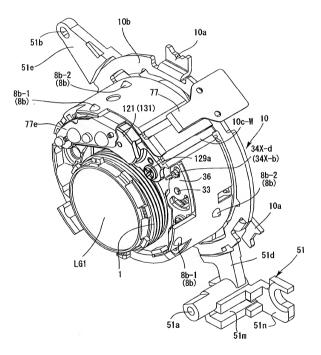


Fig. 136

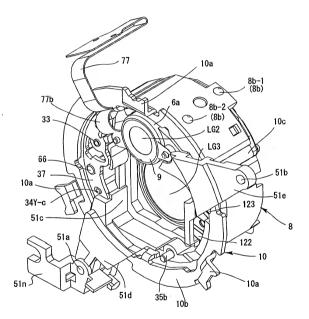


Fig. 137

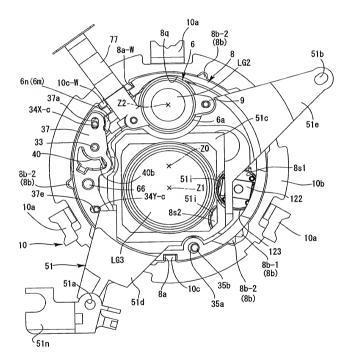


Fig. 138

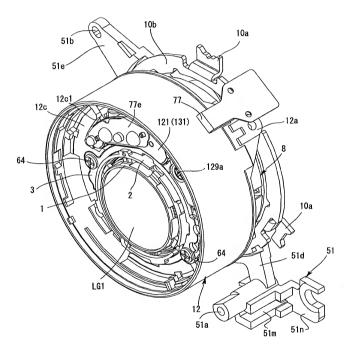
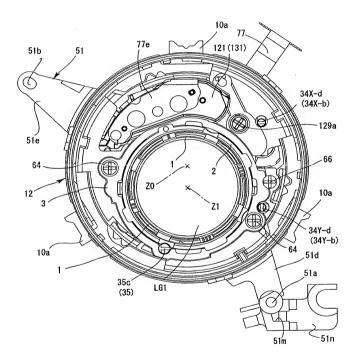
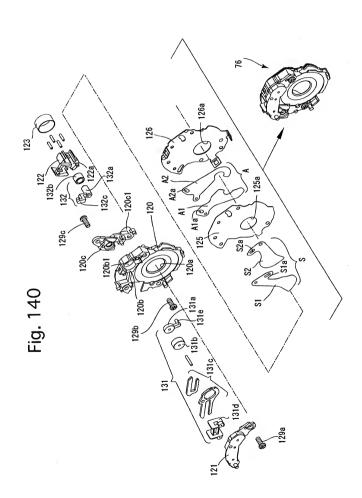
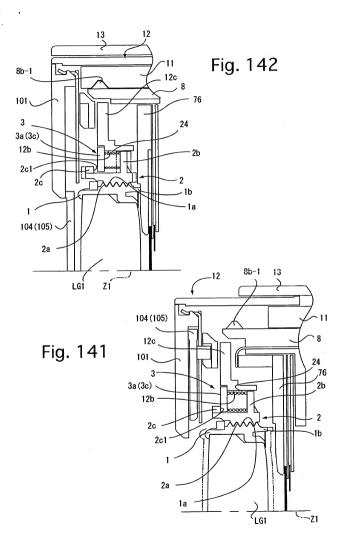
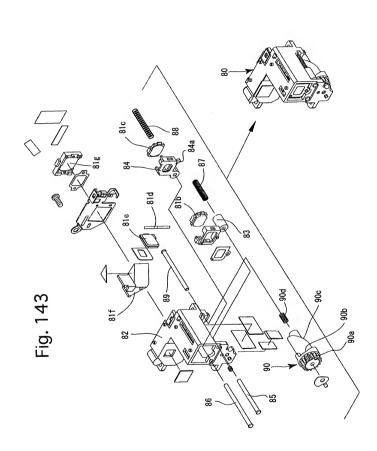


Fig. 139









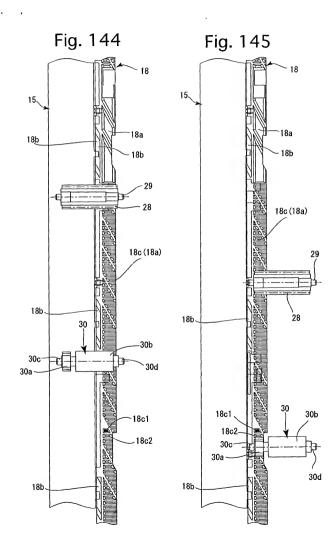
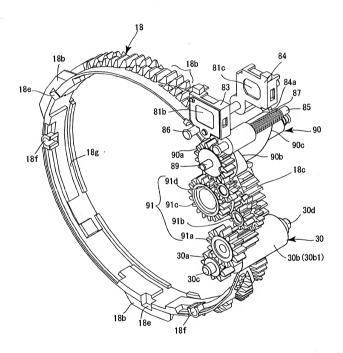


Fig. 146



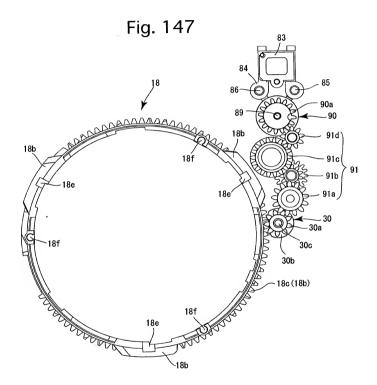
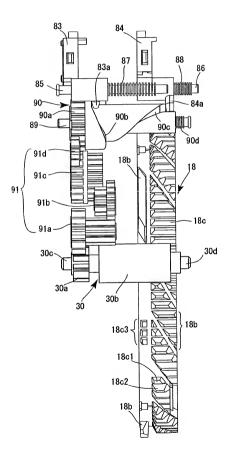
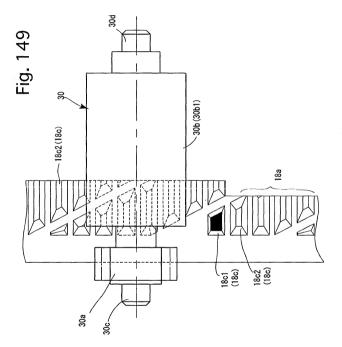
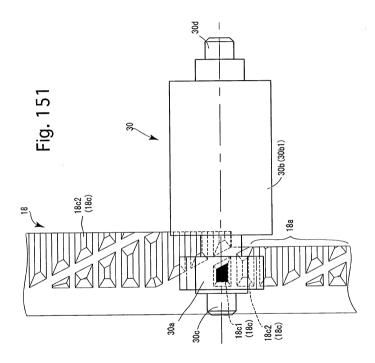


Fig. 148





-03.



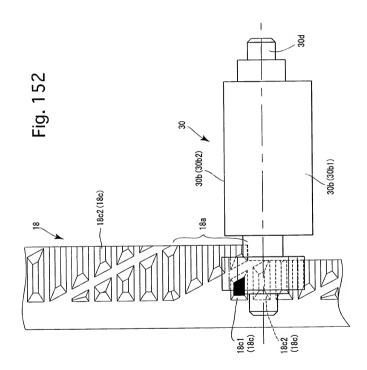


Fig. 153

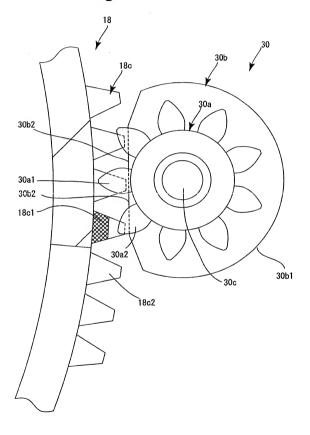


Fig. 154

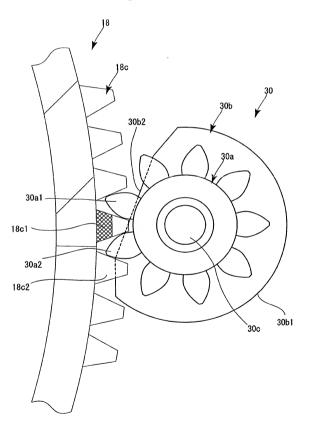


Fig. 155

